BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE PROJECT: CONSTRUCTION OF SCHOOL BUILDING AT SINGAPURA IN WARD NO -11

Modified Estimate

Client	**Sri, Kumar Raju (M/s Sri Vinayaka Builders) #10, Gokul Nilaya, dhanalakshmi Layout, Thindlu Main Road, Opp Indian Oil Petrol Bank Vidyaranyapura, Bangalore-560097**

I. BUILDING

									Est.Cost.Rs.	**8715442**
Sl No	**Description of Item**	**Unit**	**No**	**L**	**B**	**D**	**Qty**		**Rate**	**Amount**
1	KSRRB M200-12.3. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. C. Prestressed / Reinforced cement concrete grade M-20 & above. MORTH Specification No. 202.(Pg No 139 ,Item No 18.19)									
Ground floor										
Slab		cum	1	10.00	7.00	0.15	10.50			
		cum	1	20.00	5.00	0.15	15.00			
Columns		cum	8	0.30	0.60	3.45	4.97			
Plinth beams		cum	4	7.00	0.30	0.45	3.78			
		cum	3	8.80	0.30	0.45	3.56			
Columns		cum	12	0.30	0.60	3.45	7.45			
Plinth beams		cum	2	20.00	0.30	0.45	5.40			
		cum	7	4.40	0.20	0.45	2.77			
						Total Executed Quantity	**53.44**			
						Tender Qunatity	**20.29**			
						Quantity Upto 125%	**25.36**		**1700**	**43116.25**
						Quantity Above 125%	**28.07**		**1801.75**	**50581.55**
2	KSRRB M200-14.2.Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherevernecessary, sorting the dismantled material, disposal of unserviceablematerial and stacking the serviceable material with all lifts complete asper specifications **Dismantling brick/Tile work B. In cement mortar**. Pg No.139 Item No.18.23									
Ground floor										
Long walls		Cum	2	10.00	0.20	3.45	13.80			
Short walls		Cum	2	6.60	0.20	3.45	9.11			
SSM		Cum	4	7.00	0.60	0.60	10.08			
		Cum	3	8.80	0.60	0.60	9.50			
Deductions										
column		Cum	-8	0.30	0.60	3.45	-4.97			
Long walls		Cum	2	20.00	0.20	3.45	27.60			
Short walls		Cum	2	4.60	0.20	3.45	6.35			
SSM		cum	2	20.00	0.60	0.60	14.40			
		cum	7	4.40	0.60	0.60	11.09			
Deductions										
column		Cum	-12	0.30	0.60	3.45	-7.45			
						Total Executed Quantity	**89.51**			
						Tender Qunatity	**56.18**			
						Quantity Upto 125%	**70.23**		**350**	**24578.75**
						Quantity Above 125%	**19.28**		**398.00**	**7674.56**
3	37.51: Dismantling cement concrete flooring or plain cement concrete work including removing and conveying the debris to distance upto 200m (within average thickness of 15 cms) No. KBS Pg No 270 ,Item No 37.51,									
Ground floor										
1		Sqm	1	9.40	6.40		60.16			
1		Sqm	1	19.40	4.40		85.36			
						Total Executed Quantity	**145.52**			
						Tender Qunatity	**142.77**			
						Quantity Upto 125%	**145.52**		**90**	**13096.80**

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Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
KSRRB M200-17.1.-do- v) Steel work in all types of Sections upto a Height of 5m above plinth level excluding Cutting of Rivet. - A.Including dismembering."								
1	Sqm	1	10.00	7.00		2259.26		
	Kgs	1	10*7*(3.28)^2*3					
			(QUANTITY OF STEEL ASSUMED @ 3Kg/ SFT)					
2	Sqm	1	20.00	5.00		3227.52		
2	Kgs	1	20*5*(3.28)^2*3					
			(QUANTITY OF STEEL ASSUMED @ 3Kg/ SFT)					
					Total	5486.78		
					tonne	5.49		
					Total Executed Quantity	5.49		
					Tender Qunatity	2.41	2800	8435.00
					Quantity Upto 125%	3.01	2146.46	5310.95
					Quantity Above 125%	2.47		
5	.Dismantling plastering and removing the debris with a lead upto 200m. (P.No.270, I.No. 37.50)							
Internal plastering								
Room of dimensions(9.6x6.6)	Sqm	2	9.60		2.85	54.72		
	Sqm	2	6.60		2.85	37.62		
Room of dimensions(19.6x4.6)	Sqm	2	19.60		2.95	115.64		
	Sqm	2	4.60		2.95	27.14		
Deductions								
Door	Sqm	-2	0.90		2.10	-3.78		
Windows	Sqm	-10	1.20		1.20	-14.40		
					Total Executed Quantity	216.94		
					Tender Qunatity	275.06		
					Quantity Upto 125%	216.94	50	10847.00
6	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge. Pg No 136,Item No17.4							
DEBRIS	Cum					169.11		
					Total Executed Quantity	169.11		
					Tender Qunatity	103.39		
					Quantity Upto 125%	129.24	70	9046.63
					Quantity Above 125%	39.87	70.44	2808.57
7	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. Specification No. KBS 2.1(b) / 2.3.5 Pg No 6,Item No 2.4							
Footings								
C1	Cum	3	3.80	3.20	2.50	91.20		
C2	Cum	5	3.00	3.00	2.50	112.50		
C2'	Cum	1	3.90	1.70	2.50	16.58		
C2"	Cum	1	2.70	2.70	2.50	18.23		
C3	Cum	2	2.90	1.70	2.50	24.65		
CF1	Cum	1	3.70	2.90	2.50	26.83		
CF2	Cum	1	3.90	2.40	2.50	23.40		
CF3	Cum	1	4.90	2.30	2.50	28.18		
SSM Excavation								
SSM Excavation	Cum	2	20.20	1.20	1.60	77.57		
	Cum	1	13.50	0.60	0.90	0.00		
Shorter	Cum	4	7.70	0.60	0.90	0.00		
	Cum	1	7.70	0.60	0.90	0.00		
	Cum	2	8.30	1.20	1.60	31.87		
	Cum	1	6.50	0.60	0.90	0.00		
	Cum	1	4.15	0.60	0.90	0.00		
	Cum	1	2.65	0.60	0.90	0.00		
Deduction								
Footings								
C2	Cum	-4	3.00	1.20	1.60	-23.04		

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Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
C3								
C1	Cum	-1	2.00	1.20	1.60	-3.84		
C2	Cum	-3	0.75	0.60	0.90	0.00		
C3	Cum	-1	0.75	0.60	0.90	0.00		
CF2 and CF3	Cum	-1	0.75	0.60	0.90	0.00		
CF2 and CF1	Cum	-1	8.80	1.20	1.60	-16.90		
	Cum	-2	2.85	1.20	1.60	-10.94		
					Total Executed Quantity	**396.27**		
					Tender Qunatity	**108.38**		
					Quantity Upto 125%	**135.48**	**475**	**64350.63**
					Quantity Above 125%	**260.80**	**509.12**	**132775.30**

8 KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. Specification No. KBS Pg No 7, Item No 2.15

Footings								
C1	Cum	3	3.80	3.20	0.15	5.47		
C2	Cum	5	3.00	3.00	0.15	6.75		
C2'	Cum	1	3.90	1.70	0.15	0.99		
C2"	Cum	1	2.70	2.70	0.15	1.09		
C3	Cum	2	2.90	1.70	0.15	1.48		
CF1	Cum	1	3.70	2.90	0.15	1.61		
CF2	Cum	1	3.90	2.40	0.15	1.40		
CF3	Cum	1	4.90	2.30	0.15	1.69		
					Total Executed Quantity	20.49		
					Tender Qunatity	**10.23**		
					Quantity Upto 125%	**12.79**	**2800**	**35805.00**
					Quantity Above 125%	**7.71**	**2754.22**	**21222.67**

9 KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Specification No. KBS 4.1, 4.2 Pg No.13 Item No 4.3

Footings								
C1	Cum	3	3.80	3.20	0.20	7.30		
C2	Cum	5	3.00	3.00	0.20	9.00		
C2'	Cum	1	3.90	1.70	0.20	1.33		
C2"	Cum	1	2.70	2.70	0.20	1.46		
C3	Cum	2	2.90	1.70	0.20	1.97		
CF1	Cum	1	3.70	2.90	0.20	2.15		
CF2	Cum	1	3.90	2.40	0.20	1.87		
CF3	Cum	1	4.90	2.30	0.20	2.25		
SSM Below								
SSM Excavation	Cum	2	20.20	1.20	0.20	9.70		
	Cum	1	13.50	0.60	0.20	1.62		
Shorter	Cum	4	7.70	0.60	0.20	3.70		
	Cum	1	7.70	0.60	0.20	0.92		
	Cum	2	8.30	1.20	0.20	3.98		
	Cum	1	6.50	0.60	0.20	0.78		
	Cum	1	4.15	0.60	0.20	0.50		
	Cum	1	2.65	0.60	0.20	0.32		
Deduction								
Footings								
C2	Cum	-4	3.00	1.20	0.20	-2.88		
C3	Cum	-1	2.00	1.20	0.20	-0.48		
C1	Cum	-3	0.75	0.60	0.20	-0.27		
C2	Cum	-1	0.75	0.60	0.20	-0.09		
C3	Cum	-1	0.75	0.60	0.20	-0.09		

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	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	CF2 and CF3	Cum	-1	8.80	1.20	0.20	-2.11		
	CF2 and CF1	Cum	-2	2.85	1.20	0.20	-1.37		
						Total Executed Quantity	41.55		
						Tender Qunatity	**13.72**	**6300**	**108045.00**
						Quantity Upto 125%	**17.15**	**6208.06**	**151476.63**
						Quantity Above 125%	**24.40**		
10	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2, Pg No. 13 Item No. 4.6								
	Above SSM								
	SSM Excavation	Cum	2	20.20	1.20	0.20	9.70		
		Cum	1	13.50	0.60	0.20	1.62		
	Shorter	Cum	4	7.70	0.60	0.20	3.70		
		Cum	1	7.70	0.60	0.20	0.92		
		Cum	2	8.30	1.20	0.20	3.98		
		Cum	1	6.50	0.60	0.20	0.78		
		Cum	1	4.15	0.60	0.20	0.50		
		Cum	1	2.65	0.60	0.20	0.32		
	Deduction								
	Footings								
	C2	Cum	-4	3.00	1.20	0.20	-2.88		
	C3	Cum	-1	2.00	1.20	0.20	-0.48		
	C1	Cum	-3	0.75	0.60	0.20	-0.27		
	C2	Cum	-1	0.75	0.60	0.20	-0.09		
	C3	Cum	-1	0.75	0.60	0.20	-0.09		
						Total Executed Quantity	17.71		
						Tender Qunatity	**2.62**	**6600**	**21615.00**
						Quantity Upto 125%	**3.28**	**6712.31**	**96865.37**
						Quantity Above 125%	**14.43**		
11	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerddressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, curing completeas per specifications.KBS 5.1.13 Pg No 25 item No 5.6								
	SSM Footing								
	SSM Excavation	Cum	2	20.20	1.20	1.40	67.87		
	Shorter	Cum	2	8.30	1.20	1.40	27.89		
	Deduction								
	Footings								
	C2	Cum	-4	3.00	1.20	1.40	-20.16		
	C3	Cum	-1	2.00	1.20	1.40	-3.36		
	CF2 and CF3	Cum	-1	8.80	1.20	1.40	-14.78		
	CF2 and CF1	Cum	-2	2.85	1.20	1.40	-9.58		
						Total Executed Quantity	47.88		
						Tender Qunatity	**10.47**		
						Quantity Upto 125%	**13.09**	**5600**	**73290.00**
						Quantity Above 125%	**34.79**	**5211.37**	**181316.51**
12	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9, Pg No.7, Item No.2.10								
	Filling Available of Excavated Earth								
	Earth Work Excavation	Cum					396.27		
	PCC for Footing	Cum					-41.55		
	Filling in foundation with granite / trap broken metal	Cum					-20.49		
	SSM Footing	Cum					-47.88		

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	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	ooting Concrete Quantity	Cum					-74.89		
							211.46		
						Total Executed Quantity	**44.70**		
						Tender Qunatity	**55.88**	**260**	**14527.50**
						Quantity Upto 125%	**155.58**	**227.91**	**35459.05**
						Quantity Above 125%			
13	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge. Pg No 136,Item No17.4								
	Excavated Earth	Cum					396.27		
	Filling Available of Excavated Earth	Cum					-211.46		
	Loading and unloading item no.17.1 KSRRB M 100-1	Cum						57.00	
	Basic rate for haulage of materials as per item No. 17.4 KSRRB : M 100 - 4.1	t.km	For surface roads exluding Basic rate loading & unloading					2.00	
	Average Weight of earth	For2Kms =2x1.28x2						5.12	
						Total Executed Quantity	**184.81**		
						Tender Qunatity	**63.68**		
						Quantity Upto 125%	**79.60**	**70**	**5572.00**
						Quantity Above 125%	**105.21**	**76.07**	**8003.85**
14	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2, Pg No 16, Item No 4.28								
	Footings								
	C1	Sqm	3	14.00		0.65	27.30		
	C2	Sqm	5	12.00		0.55	33.00		
	C2'	Sqm	1	11.20		0.50	5.60		
	C2"	Sqm	1	10.80		0.50	5.40		
	C3	Sqm	2	9.20		0.40	7.36		
	CF1	Sqm	1	13.20		0.30	3.96		
		Sqm	1	8.60		0.30	2.58		
	CF2	Sqm	1	12.60		0.30	3.78		
		Sqm	1	9.00		0.30	2.70		
	CF3	Sqm	1	14.40		0.30	4.32		
		Sqm	1	11.00		0.30	3.30		
	Columns upto Plinth Beam								
	C1	Sqm	3	1.50		1.50	6.75		
	C2	Sqm	5	1.50		1.60	12.00		
	C2'	Sqm	1	1.50		1.65	2.48		
	C2"	Sqm	1	1.50		1.65	2.48		
	C3	Sqm	2	1.50		1.75	5.25		
	CF1	Sqm	2	1.50		1.55	4.65		
	CF2	Sqm	2	1.50		1.55	4.65		
	CF3	Sqm	2	1.50		1.55	4.65		
						Total Executed Quantity	142.20		
						Tender Qunatity	**67.10**		
						Quantity Upto 125%	**83.88**	**290**	**24323.75**
						Quantity Above 125%	**58.33**	**292.54**	**17062.64**
15	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness , including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2, Pg No 16, Item No 4.31								
	Plinth Beams								
	Longer	Sqm	2	20.20		0.45	18.18		
		Sqm	2	13.50		0.45	12.15		
	Shorter	Sqm	8	7.70		0.45	27.72		
		Sqm	2	7.70		0.60	9.24		
		Sqm	2	9.10		0.45	8.19		
		Sqm	2	6.50		0.45	5.85		

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	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
		Sqm	4	4.15		0.45	7.47		
		Sqm	2	2.65		0.45	2.39		
						Total Executed Quantity	91.19		
						Tender Qunatity	57.91	420	30402.75
						Quantity Upto 125%	72.39	405.93	7630.53
						Quantity Above 125%	18.80		
16	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc. and Removal of form Work for columns, pillars, piers, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2, Pg No 16, Item No 4.32								
	Ground Floor								
	Columns	Cum	12	0.30	0.45	3.30	5.35		
		Cum	6	0.30	0.45	3.15	2.55		
	First Floor								
	Columns	Cum	12	0.30	0.45	3.30	5.35		
		Cum	6	0.30	0.45	3.15	2.55	530	8371.35
						Total Executed Quantity	15.80		
						Tender Qunatity	113.62		
17	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 5 mtrs.Specification No. KBS 4.6.2 page no.16 item no 4.29.2								
	Ground Floor								
	Slab	Sqm	1	20.20	9.60		193.92		
	Deduction								
	Stairscase	Sqm	-1	3.74	2.68		-10.02		
	First Floor								
	Slab	Sqm	1	20.20	9.60		193.92		
	Deduction								
	Stairscase	Sqm	-1	3.74	2.68		-10.02		
						Total Executed Quantity	367.79		
						Tender Qunatity	314.66	460	169185.06
						Quantity Upto 125%	367.79		
18	KSRB 4-6.9 : Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floors including cost of all materials,labour complete as per specifications. Specifications No. KBS 4.6.2, Pg No 17,Item No 4.36								
	Ground Floor								
	Slab Edges	Sqm	1	59.60		0.15	8.94		
	Deduction								
	Stairscase	Sqm	-1	12.84		0.15	-1.93		
	First Floor								
	Slab Edges	Sqm	1	59.60		0.15	8.94		
	Deduction								
	Stairscase	Sqm	-1	12.84		0.15	-1.93		
						Total Executed Quantity	14.03	860	12064.08
						Tender Qunatity	24.18		
19	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons.Specification No. KBS 4.6.2, Pg No 17, Item No 4.34								
	Ground Floor								
	Lintel								
	Through Lintel	Sqm	2	19.60		0.15	5.88		
		Sqm	2	6.30		0.15	1.89		
		Sqm	2	7.70		0.15	2.31		
		Sqm	3	1.40		0.15	0.63		
	Cut Lintel								
	Beam								
	B1	Sqm	2	20.20		0.45	18.18		
	B2	Sqm	2	6.40		0.45	5.76		
	B3	Sqm	2	6.40		0.30	3.84		
	B4	Sqm	2	12.91		0.30	7.75		
	B5	Sqm	2	20.20		0.30	12.12		
	B6, B8, B10	Sqm	6	9.00		0.30	16.20		
	B9	Sqm	6	9.00		0.45	24.30		

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	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	B7	Sqm	2	2.55		0.30	1.53		
	First Floor								
	Lintel								
	Through Lintel								
		Sqm	2	19.60		0.15	5.88		
		Sqm	2	6.30		0.15	1.89		
	Cut Lintel	Sqm	2	7.70		0.15	2.31		
		Sqm	3	1.40		0.15	0.63		
	Beam								
	B1	Sqm	2	20.20		0.45	18.18		
	B2	Sqm	2	6.40		0.45	5.76		
	B3	Sqm	2	6.40		0.30	3.84		
	B4	Sqm	2	12.91		0.30	7.75		
	B5	Sqm	2	20.20		0.30	12.12		
	B6, B8, B10	Sqm	6	9.00		0.30	16.20		
	B9	Sqm	6	9.00		0.45	24.30		
	B7	Sqm	2	2.55		0.30	1.53		
						Total Executed Quantity	**200.76**		
						Tender Qunatity	**173.81**		
						Quantity Upto 125%	**200.76**	**340.00**	**68257.38**
20	KSRB 4-6.11 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **Stairs** (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2, Pg No 17, Item No 4.38								
	Ground Floor								
	Staircase								
	Flight 1 (Bottom)	Sqm	1	4.10	1.20		4.92		
	Flight 1 (Sides)	Sqm	2	4.10		0.15	1.23		
	Flight 2 (Bottom)	Sqm	1	3.69	1.20		4.43		
	Flight 2 (Sides)	Sqm	2	3.69		0.15	1.11		
	Staircase								
	Flight 1 (Bottom)	Sqm	1	4.10	1.20		4.92		
	Flight 1 (Sides)	Sqm	2	4.10		0.15	1.23		
	Flight 2 (Bottom)	Sqm	1	3.69	1.20		4.43		
	Flight 2 (Sides)	Sqm	2	3.69		0.15	1.11		
						Total Executed Quantity	23.37		
						Tender Qunatity	**17.63**		
						Quantity Upto 125%	**22.04**	**580.00**	**12781.75**
						Quantity Above 125%	**1.33**	**589.62**	**785.67**
21	KSRB 4-6.10 :Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc. , including edges including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2 Pg No 17,Item No 4.37								
	Ground Floor								
	Chajja								
	Front	Sqm	10	1.80	0.60		10.80		
	Sides	Sqm	20	0.60		0.10	1.20		
	First Floor								
	Chajja								
	Front	Sqm	10	1.80	0.60		10.80		
	Sides	Sqm	20	0.60		0.10	1.20		
						Total Executed Quantity	**24.00**		
						Tender Qunatity	**13.50**		
						Quantity Upto 125%	**16.88**	**380.00**	**6412.50**
						Quantity Above 125%	**7.13**	**366.25**	**2609.51**
22	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6, Pg No. 14, Item No. 4.10								
	Item Not Operated								

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	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	KSRB 4.2.8 : Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications. No. KBS 4.1, 4.6, Pg No. 14, Item No. 4.12								
	Ground Floor								
	Column						5.35		
		Cum	12	0.30	0.45	3.30			
		Cum	6	0.30	0.45	3.15	2.55		
	Lintel								
	Through Lintel	Cum	1	19.60	0.20	0.15	0.59		
		Cum	1	6.30	0.20	0.15	0.19		
		Cum	1	7.70	0.20	0.15	0.23		
	Cut Lintel	Cum	3	1.40	0.20	0.15	0.13		
	Staircase								
	Waist slab (flight 1)	Cum	1	4.10	1.20	0.15	0.74		
	Waist slab (flight 2)	Cum	1	3.69	1.20	0.15	0.66		
	Landing	Cum	1	2.80	1.25	0.15	0.53		
	Steps	Cum	24	1.25		0.02	0.68		
			Triangular area 0.5*.15*.3=0.0225						
	Stairs Beam	Cum	2	3.00	0.20	0.45	0.54		
						Total Executed Quantity	12.17		
						Tender Qunatity	**4.46**		
						Quantity Upto 125%	**5.58**	**6900**	**38467.50**
						Quantity Above 125%	**6.60**	**7653.77**	**50504.94**
24	KSRB 4.2.8 : Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications. No. KBS 4.1, 4.6, Pg No. 14, Item No. 4.12								
	First Floor								
	Column	Cum	12	0.30	0.45	3.30	5.35		
		Cum	6	0.30	0.45	3.15	2.55		
	Lintel								
	Through Lintel	Cum	1	19.60	0.20	0.15	0.59		
		Cum	1	6.30	0.20	0.15	0.19		
		Cum	1	7.70	0.20	0.15	0.23		
	Cut Lintel	Cum	3	1.40	0.20	0.15	0.13		
	Staircase								
	Waist slab (flight 1)	Cum	1	4.10	1.20	0.15	0.74		
	Waist slab (flight 2)	Cum	1	3.69	1.20	0.15	0.66		
	Landing	Cum	1	2.80	1.25	0.15	0.53		
	Steps	Cum	24	1.25		0.02	0.68		
			Triangular area 0.5*.15*.3=0.0225						
	Stairs Beam	Cum	2	3.00	0.20	0.45	0.54		
						Total Executed Quantity	12.17		
						Tender Qunatity	**11.05**		
						Quantity Upto 125%	**12.17**	**6800**	**82781.16**

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Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
25	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted including vibrating, curing, etc for all super Structure works with all lead and Lift etc., complete (exclusive of cost of steel and fabrication charges) Ready mixed cement for concrete with M-25. Pg No.19 Item No.4.49.2								
Ground Floor									
Beam									
B1	Cum	1	20.20	0.30	0.45	2.73			
B2	Cum	1	6.40	0.30	0.45	0.86			
B3	Cum	1	6.40	0.30	0.30	0.58			
B4	Cum	1	12.91	0.30	0.30	1.16			
B5	Cum	1	20.20	0.30	0.30	1.82			
B6, B8, B10	Cum	3	9.00	0.30	0.30	2.43			
B9	Cum	3	9.00	0.30	0.45	3.65			
B7	Cum	1	2.55	0.30	0.30	0.23			
Slab	Cum	1	20.20	9.60	0.15	29.09			
Deduction									
Stairscase	Cum	-1	3.74	2.68	0.15	-1.50			
First Floor									
Beam									
B1	Cum	1	20.20	0.30	0.45	2.73			
B2	Cum	1	6.40	0.30	0.45	0.86			
B3	Cum	1	6.40	0.30	0.30	0.58			
B4	Cum	1	12.91	0.30	0.30	1.16			
B5	Cum	1	20.20	0.30	0.30	1.82			
B6, B8, B10	Cum	3	9.00	0.30	0.30	2.43			
B9	Cum	3	9.00	0.30	0.45	3.65			
B7	Cum	1	2.55	0.30	0.30	0.23			
Slab	Cum	1	20.20	9.60	0.15	29.09			
Deduction									
Stairscase	Cum	-1	3.74	2.68	0.15	-1.50			
						Total Executed Quantity	**82.07**		
						Tender Qunatity	**60.29**		
						Quantity Upto 125%	**75.36**	**6300.00**	**474783.75**
						Quantity Above 125%	**6.71**	**7032.50**	**47167.61**
26	KSRB 4.2.11 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto First Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 Pg No.15 Item no.4.20								
Ground Floor									
Chajja	Sqm	10	1.80	0.60		10.80			
						Total Executed Quantity	**10.80**		
						Tender Qunatity	**4.50**		
						Quantity Upto 125%	**5.63**	**560**	**3150.00**
						Quantity Above 125%	**5.18**	**562.41**	**2910.47**
27	KSRB 4.2.11 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto First Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 Pg No.15 Item no.4.20								
First Floor									
Chajja	Sqm	10	1.80	0.60		10.80			
						Total Executed Quantity	10.80		
						Tender Qunatity	**9.00**		
						Quantity Upto 125%	**10.80**	**540**	**5832.00**

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Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
KSRB 4.9.2 : Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 Pg No.18 Item No.4.46.2								
Ground Floor								
Footing	Cum	Concrete Quantity				75.16		
	kg	Steel assumed 125 Kg/Cum of Concrete				9394.38		
	tonne					9.39		
Combined Footing	Cum	Concrete Quantity				16.36		
	kg	Steel assumed 150 Kg/Cum of Concrete				2454.30		
	tonne					2.45		
Colomn	Cum	Concrete Quantity				11.39		
	kg	Steel assumed 150 Kg/Cum of Concrete				1709.10		
	tonne					1.71		
Plinth beam	Cum	Concrete Quantity				9.12		
	kg	Steel assumed 150 Kg/Cum of Concrete				1367.78		
	tonne					1.37		
Staircase	Cum	Concrete Quantity				3.14		
	kg	Steel assumed 125 Kg/Cum of Concrete				392.78		
	tonne					0.39		
Beam	Cum	Concrete Quantity				13.45		
	kg	Steel assumed 150 Kg/Cum of Concrete				2017.54		
	tonne					2.02		
Roof Slab	Cum	Concrete Quantity				27.58		
	kg	Steel assumed 125 Kg/Cum of Concrete				3448.07		
	tonne					3.45		
Lintel	Cum	Concrete Quantity				1.13		
	kg	Steel assumed 125 Kg/Cum of Concrete				141.75		
	tonne					0.14		
Chajja	Cum	Concrete Quantity				10.80		
	kg	Steel assumed 100 Kg/Cum of Concrete				1080.00		
	tonne					1.08		
					Total Executed Quantity	19.38		
					Tender Qunatity	7.95		
					Quantity Upto 125%	9.94	87400.00	868537.50
					Quantity Above 125%	9.44	99121.44	935954.17
29	KSRB 4.9.2 : Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 Pg No.18 Item No.4.46.2								
First Floor								
Colomn	Cum	Concrete Quantity				5.35		
	kg	Steel assumed 150 Kg/Cum of Concrete				801.90		
	tonne					0.80		
Staircase	Cum	Concrete Quantity				1.94		

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Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
		kg	Steel assumed 125 Kg/Cum of Concrete				242.78		
		tonne					0.24		
	Lintel	Cum	Concrete Quantity				1.13		
		kg	Steel assumed 125 Kg/Cum of Concrete				141.75		
		tonne					0.14		
	Beam	Cum	Concrete Quantity				13.45		
		kg	Steel assumed 150 Kg/Cum of Concrete				2017.54		
		tonne					2.02		
	Roof Slab	Cum	Concrete Quantity				27.58		
		kg	Steel assumed 125 Kg/Cum of Concrete				3448.07		
		tonne					3.45		
	Chajja	Cum	Concrete Quantity				10.80		
		kg	Steel assumed 100 Kg/Cum of Concrete				1080.00		
		tonne					1.08		
						Total Executed Quantity	**7.73**		
						Tender Qunatity	**7.16**		
						Quantity Upto 125%	**7.73**	**87450.0**	**676174.86**
30	KSRB 5-14.1: Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications. KBS No.5.4, Pg No. 27 Item No. 5.27.1								
	Ground Floor								
	Long Walls	Sqm	1	20.20		2.85	57.57		
		Sqm	1	13.50		3.30	44.55		
	Short Walls	Sqm	2	7.70		3.30	50.82		
		Sqm	1	7.70		3.15	24.26		
		Sqm	1	6.25		3.30	20.63		
		Sqm	1	6.50		3.30	21.45		
	Deduction								
	Column	Sqm	-15	0.30		0.45	-2.03		
	D1	Sqm	-3	1.20		2.10	-7.56		
	W	Sqm	-10	1.50		1.50	-22.50		
						Total Executed Quantity	187.19		
						Tender Qunatity	**81.68**		
						Quantity Upto 125%	**102.10**	**1230**	**125583.00**
						Quantity Above 125%	**85.09**	**1034.11**	**87987.21**
31	KSRB 5-14.1: Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications. KBS No.5.4, Pg No. 27 Item No. 5.27.1								
	First Floor								
	Long Walls	Sqm	1	20.20		2.85	57.57		
		Sqm	1	13.50		3.30	44.55		
	Short Walls	Sqm	2	7.70		3.30	50.82		
		Sqm	1	7.70		3.15	24.26		
		Sqm	1	6.25		3.30	20.63		
		Sqm	1	6.50		3.30	21.45		
	Deduction								
	Column	Sqm	-15	0.30		0.45	-2.03		
	D1	Sqm	-3	1.20		2.10	-7.56		
	W	Sqm	-10	1.50		1.50	-22.50		
						Total Executed Quantity	187.19	**1250.00**	**233981.25**
						Tender Qunatity	**191.23**		

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	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	KSRB 5-15 : Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc., complete as per specifications. KBS No.5.4, Pg No 27, Item No 5.28								
	Item Not Operated								
33	KSRB 5-15 : Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc., complete as per specifications. KBS No.5.4, Pg No 27, Item No 5.28								
	First Floor								
	Corridor Wall	Sqm	1	17.30		1.00	17.30		
						Total Executed Quantity	17.30	**1250.00**	**21625.00**
						Tender Qunatity	**96.83**		
34	Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc., complete as per specifications and directions of Engineer in charge(Terrace).								
	Item Not Operated								
35	KSRB15-3.8 : Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Pg No. 116,Item No.15.16								
	External Plastering								
	Ground Floor								
	Long Walls	Sqm	1	20.20		3.60	72.72		
		Sqm	1	13.50		3.60	48.60		
	Short Walls	Sqm	1	7.70		3.60	27.72		
		Sqm	1	6.25		3.60	22.50		
	Deduction								
	D1	Sqm	-3	1.20		2.10	-7.56		
	W	Sqm	-10	1.50		1.50	-22.50		
						Total Executed Quantity	141.48		
						Tender Qunatity	**136.54**		
						Quantity Upto 125%	**141.48**	**280**	**39614.40**
36	KSRB15-3.8 : Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Pg No. 116,Item No.15.16								
	First Floor								
	Long Walls	Sqm	1	20.20		3.60	72.72		
		Sqm	1	13.50		3.60	48.60		
	Short Walls	Sqm	1	7.70		3.60	27.72		
		Sqm	1	6.25		3.60	22.50		
	Corridor Wall	Sqm	1	36.33		1.00	36.33		
	Deduction								
	D1	Sqm	-3	1.20		2.10	-7.56		
	W	Sqm	-10	1.50		1.50	-22.50		
						Total Executed Quantity	177.81	**330.00**	**58677.30**
						Tender Qunatity	**399.62**		
37	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of Engineer in charge(Terrace).								
	Item Not Operated								
38	KSRB 15.3.2 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications .Pg No. 115 Item No.15.10								
	Internal Plastering								
	Ground Floor								
	Long Walls	Sqm	1	20.20		2.85	57.57		
		Sqm	1	13.50		3.30	44.55		

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	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	ort Walls	Sqm	2	7.70		3.30	50.82		
		Sqm	2	7.70		3.15	48.51		
		Sqm	1	6.25		3.30	20.63		
		Sqm	2	6.50		3.30	42.90		
	Columns	Sqm	1	1.15		3.15	3.62		
	Deduction								
	D1	Sqm	-3	1.20		2.10	-7.56		
	W	Sqm	-10	1.50		1.50	-22.50		
						Total Executed Quantity	**238.54**		
						Tender Qunatity	**64.81**		
						Quantity Upto 125%	**81.01**	**230**	**18632.88**
						Quantity Above 125%	**157.53**	**231.31**	**36437.73**
39	KSRB 15.3.2 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications .Pg No. 115 Item No.15.10								
	First Floor								
	Long Walls	Sqm	1	20.20		2.85	57.57		
		Sqm	1	13.50		3.30	44.55		
	Short Walls	Sqm	2	7.70		3.30	50.82		
		Sqm	2	7.70		3.15	48.51		
		Sqm	1	6.25		3.30	20.63		
		Sqm	2	6.50		3.30	42.90		
	Columns	Sqm	1	1.15		3.15	3.62		
	Deduction								
	D1	Sqm	-3	1.20		2.10	-7.56		
	W	Sqm	-10	1.50		1.50	-22.50		
						Total Executed Quantity	**238.54**		
						Tender Qunatity	**162.29**		
						Quantity Upto 125%	**202.86**	**260**	**52744.25**
						Quantity Above 125%	**35.68**	**231.31**	**8252.13**
40	KSRB15-5.1 : Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, inclding cost of materials, labour, curing complete as per specifications , Pg.No-117, Item No-15.30.								
	Item Not Operated								
41	KSRB15-5.1 : Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, inclding cost of materials, labour, curing complete as per specifications , Pg.No-117, Item No-15.30.								
	Item Not Operated								
42	KSRB15-3-14 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to ceiling including rounding off corners wherever required smooth rendering, : including Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Pg No 116, Item No15.22								
	Ground Floor								
	Ceiling								
	Classroom 1	Sqm	1	6.50	6.25		40.63		
	Classroom 2	Sqm	1	7.70	6.45		49.67		
	Classroom 3	Sqm	1	7.70	6.45		49.67		
	Corridor	Sqm	1	2.42	2.85		6.90		
		Sqm	1	0.68	2.95		2.01		
		Sqm	1	1.50	13.50		20.25		
						Total Executed Quantity	169.11		
						Tender Qunatity	**86.59**		
						Quantity Upto 125%	**108.24**	**260**	**28141.75**
						Quantity Above 125%	**60.87**	**255.13**	**15529.63**
43	KSRB15-3-14 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to ceiling including rounding off corners wherever required smooth rendering, : including Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Pg No 116, Item No15.22								
	First Floor								
	Classroom 1	Sqm	1	6.50	6.25		40.63		
	Classroom 2	Sqm	1	7.70	6.45		49.67		
	Classroom 3	Sqm	1	7.70	6.45		49.67		
	Corridor	Sqm	1	2.42	2.85		6.90		

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Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Sqm	1	0.68	2.95		2.01		
	Sqm	1	1.50	13.50		20.25		
					Total Executed Quantity	169.11		
					Tender Qunatity	**165.87**		
					Quantity Upto 125%	**169.11**	**280**	**47350.24**

44 providing applying two coats of wall putty to **inside plastered walls and ceiling** using white cement putty . Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of alll mateerial cost of labour and scaffolding etc. ,complete as per specification. Pg No.128 Item No.15.106

for Internal plastered portions	Sqm	1	same as Internal plastering	477.08			
ceiling	Sqm	1	same as plastering for beam + ceiling	338.22			
			Total Executed Quantity	815.29			
			Tender Qunatity	**479.55**			
			Quantity Upto 125%	**599.44**	**80**	**47955.00**	
			Quantity Above 125%	**215.85**	**88.44**	**19090.86**	

45 KSRB 15-15.1 : Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer. PgNo. 119, I.No. 15.51.2

Internal painting	Sqm	Same as Internal plastering	477.08			
		Total Executed Quantity	477.08			
		Tender Qunatity	**227.10**			
		Quantity Upto 125%	**283.88**	**100**	**28387.50**	
		Quantity Above 125%	**193.20**	**102.05**	**19716.11**	

46 KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications page no117 item no 15.49.1 . KSRB 15-14.1 : Extra over Item 15-14.1 for applying oil bound washable distemper on ceiling and / or sloping roof as per specifications.Pg No 119,Item No15.49.2

Ceiling	Sqm	Same as plastering for beam and ceiling	338.22		
		Total Executed Quantity	338.22		
		Tender Qunatity	**252.46**		
		Quantity Upto 125%	**315.58**	**130.00**	**41024.75**
		Quantity Above 125%	**22.64**	**133.80**	**3029.35**

47 Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains, complete as per specifications (page no127, item no.15.103)

External painting					
Ground Floor	Sqm	Same as External plastering +chajja plastering +Compound Wall plastering	141.48		
		Total Executed Quantity	141.48	**110.00**	**15562.80**
		Tender Qunatity	**250.29**		

48 Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains, complete as per specifications (page no127, item no.15.103)

External painting					
First Floor	Sqm	Same as External plastering +chejja plastering	177.81		
		Total Executed Quantity	177.81	**100**	**17781.00**
		Tender Qunatity	**399.62**		

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	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	roviding and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications and directions of Engineer in charge(Terrace).								
	Item Not Operated								
50	Providing and laying Hassan Green / River Pink granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, including cost of all materials,mortar,labour,curing etc.,complete as per Specification.Pg No 110,Item No14.51								
	Ground Floor								
	Treads	Sqm	23	1.25	0.30		8.63		
	Rise	Sqm	24	1.25		0.15	4.50		
	Landing	Sqm	1	2.50	1.30		3.25		
						Total Executed Quantity	16.38		
						Tender Qunatity	**16.44**		
						Quantity Upto 125%	**16.38**	**5200**	**85150.00**
51	KSRB 14.9-1: Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, complete as per specifications Specification No. KBS 14.4, Pg No 104,Item No 14.13								
	Ground Floor								
	Classroom 1	Sqm	1	6.50	6.25		40.63		
	Classroom 2	Sqm	1	7.70	6.45		49.67		
	Classroom 3	Sqm	1	7.70	6.45		49.67		
	Corridor	Sqm	1	2.42	2.85		6.90		
		Sqm	1	0.68	2.95		2.01		
		Sqm	1	1.50	13.50		20.25		
						Total Executed Quantity	169.11		
						Tender Qunatity	**82.09**		
						Quantity Upto 125%	**102.61**	**720**	**73881.00**
						Quantity Above 125%	**66.50**	**715.49**	**47576.59**
52	KSRB 14.9-1: Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, complete as per specifications Specification No. KBS 14.4, Pg No 104,Item No 14.13								
	First Floor								
	Classroom 1	Sqm	1	6.50	6.25		40.63		
	Classroom 2	Sqm	1	7.70	6.45		49.67		
	Classroom 3	Sqm	1	7.70	6.45		49.67		
	Corridor	Sqm	1	2.42	2.85		6.90		
		Sqm	1	0.68	2.95		2.01		
		Sqm	1	1.50	13.50		20.25		
						Total Executed Quantity	169.11	**720.00**	121757.76
						Tender Qunatity	**203.90**		
53	Providing and fixing for flooring 20mm thick gang saw water cut sadarhalli gray granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of curing - minimum width of 900mm.Pg No 112,Item No 14.61.2								
	Ground Floor								
	Flooring								
	Classroom 1	Sqm	1	6.50	6.25		40.63		
	Classroom 2	Sqm	1	7.70	6.45		49.67		
	Classroom 3	Sqm	1	7.70	6.45		49.67		
	Corridor	Sqm	1	2.42	2.85		6.90		
		Sqm	1	0.68	2.95		2.01		

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Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Sqm	1	1.50	13.50		20.25		
					Total Executed Quantity	169.11		
					Tender Qunatity	**133.40**		
					Quantity Upto 125%	**166.75**	**2300**	**383525.00**
					Quantity Above 125%	**2.36**	**2243.97**	**5291.29**

54 Providing and fixing for flooring 20mm thick gang saw water cut sadarhalli gray granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of curing - minimum width of 900mm.Pg No 112,Item No 14.61.2

First Floor								
Classroom 1	Sqm	1	6.50	6.25		40.63		
Classroom 2	Sqm	1	7.70	6.45		49.67		
Classroom 3	Sqm	1	7.70	6.45		49.67		
Corridor	Sqm	1	2.42	2.85		6.90		
	Sqm	1	0.68	2.95		2.01		
	Sqm	1	1.50	13.50		20.25		
					Total Executed Quantity	169.11	**2140.00**	**361891.12**
					Tender Qunatity	**334.00**		

55 KSRB 10-3 : Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment. (b) Laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs. (c) After two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 300x300mm square. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test including cost of materials, labour complete as per specifications. (P.No. 68, I.No. 10.2 of PWD SR 2018-19)

Item Not Operated

56 KSRB 9-27.1 : Fixing of door frames in an existing opening including embedding frame in floor and walls after cutting masonary for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and downsize granite metal painting two coats of coal tar to sides of frame,making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour, complete as per specifications. Pg No 60,Item No9.80

Ground Floor								
D1	Nos	3				3.00		
First Floor								
D1	Nos	3				3.00		
					Total Executed Quantity	6.00	**1480**	**8880.00**
					Tender Qunatity	**7.00**		

57 KSRB 9.4-2: Providing Honne wood frames of doors, windows, clerestory windows,ventilators and other frames , wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps),but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33 Pg No 53,Item No9.11

D1	Sqm	3	6.60	0.13	0.10	0.25		
D1	Sqm	3	6.60	0.13	0.10	0.25		
					Total Executed Quantity	0.50	**94600.0**	**46827.00**
					Tender Qunatity	**0.54**		

58 KSRB 9.5-2 : Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34, Pg No. 53, Item No. 9.15

Ground Floor								
D1	Sqm	3	1.20		2.10	7.56		
					Total Executed Quantity	7.56		
					Tender Qunatity	**2.10**		
					Quantity Upto 125%	**2.63**	**5100**	13387.50
					Quantity Above 125%	**4.94**	5354.24	26423.16

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Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
59	KSRB 9.5-2 : Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34, Pg No. 53, Item No. 9.15								
	First Floor								
	D1	Sqm	3	1.20		2.10	7.56		
						Total Executed Quantity	7.56	**5100**	**38556.00**
						Tender Qunatity	**10.50**		
60	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost ofmaterials, labour, complete as per specifications. Pg no:121.Item no:15.60.1								
	Ground Floor								
	D1	Sqm	3	1.20		2.10	7.56		
	First Floor								
	D1	Sqm	3	1.20		2.10	7.56		
						Total Executed Quantity	15.12		
						Tender Qunatity	**14.11**		
						Quantity Upto 125%	**15.12**	**100**	**1512.00**
61	KSRB 7.11 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar - using aluminium section powdered coated to a minimum of 60- 70 microns with exterior durable pure polyester grade powder of approved quality.Pg No.35 Item No.7.11.2								
	Ground floor								
	W	Sqm	10	1.50		1.50	22.50		
						Total Executed Quantity	22.50		
						Tender Qunatity	**16.20**		
						Quantity Upto 125%	**20.25**	**4800**	**97200.00**
						Quantity Above 125%	**2.25**	**5071.90**	**11411.77**
62	KSRB 7.11 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar - using aluminium section powdered coated to a minimum of 60- 70 microns with exterior durable pure polyester grade powder of approved quality.Pg No.35 Item No.7.11.2								
	First floor								
	W	Sqm	10	1.50		1.50	22.50		
						Total Executed Quantity	22.50		
						Tender Qunatity	**36.00**	**4800.00**	**108000.00**

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Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
63	KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications.Specification No. KBS 7.12 Pg No.34 Item No.7.9								
	Ground Floor								
	W	Sqm	10			47.25	472.50		
				21kg per sqm 1.5*1.5*21=47.25					
						Total Executed Quantity	472.50		
						Tender Qunatity	**340.20**		
						Quantity Upto 125%	**425.25**	**100**	**42525.00**
						Quantity Above 125%	**47.25**	**107.72**	**5089.76**
64	KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications.Specification No. KBS 7.12 Pg No.34 Item No.7.9								
	First Floor								
	W	Sqm	10			47.25	472.50		
				21kg per sqm 1.5*1.5*21=47.25					
						Total Executed Quantity	472.50	**110.00**	**51975.00**
						Tender Qunatity	**756.00**		
65	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. Pg no:123.Item no:15.74								
	For window and ventilators	sqm		window qty+ventilator qty			45.00		
	Painting for Grill Works	Sqm		window qty			45.00		
	M.S. Hand rallings	Sqm		Ground floor +First floor			38.58		
						Total Executed Quantity	128.58	**100.00**	**12858.00**
						Tender Qunatity	**397.01**		
66	Providing and fixing M.S.Grill over existing compound wall as per, using 16mm x 16mm M.S.Square rod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontal and 6mm x12mm M.S. flat for ornamental design and providing shop edge design at the vertex of every vertical rods, including welding, grinding wherever necessary. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification.Pg 44 Item no. 7.36								
	Item Not Operated								
67	Providing and fixing M.S. Hand railing for Balcony/Staircase etc., with 50mm dia. M.S. hollow pipe of 14 gauge, welded to 20mmx20mm M.S. square rod placed vertically,spaced at 100mm at regular intervals of 600mm. These vertical rods laterally tied to 3. horizontal rods spaced at equal interval. These assembly is fixed to concrete by using expansion bolts and welding the same to reinforcement bars and making good the surface. All the joints and sections hould be cut to length, welded and grinded wherever necessary etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification and drawing.Pg no 44, I no 7.35.								
	Ground Floor								
	Staircase								
	Waist slab (flight)	Sqm	3	3.90		1.00	11.70		
	Landing	Sqm	1	5.10		1.00	5.10		
	Corridor	Sqm	1	16.00		1.00	0.00		
						Total Executed Quantity	16.80		
						Tender Qunatity	**31.79**		
						Quantity Upto 125%	**16.80**	**3100.00**	**52080.00**

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Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
68	Providing and fixing M.S. Hand railing for Balcony/Staircase etc., with 50mm dia. M.S. hollow pipe of 14 gauge, welded to 20mmx20mm M.S. square rod placed vertically,spaced at 100mm at regular intervals of 600mm. These vertical rods laterally tied to 3 horizontal rods spaced at equal interval. These assembly is fixed to concrete by using expansion bolts and welding the same to reinforcement bars and making good the surface. All the joints and sections hould be cut to length, welded and grinded wherever necessary etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification and drawing.Pg no 44, I no 7.35.								
	First Floor								
	Staircase								
	Waist slab (flight)	Sqm	3	3.90		1.00	11.70		
	Landing	Sqm	1	5.10		1.00	5.10		
	Corridor	Sqm	1	16.60		0.30	4.98		
						Total Executed Quantity	21.78		
						Tender Qunatity	**31.79**		
						Quantity Upto 125%	**21.78**	**3100.00**	**67518.00**
69	**Green Board (8FTX4FT) with wooden beading. Data rate to be Aprooved**								
	Item Not Operated								
70	**Pin Board (4FTX3FT) Data rate to be Aprooved**								
	Item Not Operated								
71	**4Seater Student Desk.**Havey Fabricated Frame with 18mm pre laminated board top.								
	Item Not Operated								
72	KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification No. 305								
	Embankment								
	Rectangular	Cum	1	20.20	10.00	1.40	282.80		
						Total Executed Quantity	282.80		
						Tender Qunatity	**53.21**		
						Quantity Upto 125%	**66.51**	**350.00**	**23279.38**
						Quantity Above 125%	**216.29**	**368.51**	**79704.11**
73	KSRB 10-2:Providing and laying in position Yelahanka tiles of size 250 x 250mm of approved quality and make,over a bed of cement mortar 1:3 an average thickness 25mm over weather proof course and pointed with cement mortar 1:3 mix with red oxide including curing cost of materials,labour complete as per specifications.								
	Item Not Operated								
74	Point wiring using copper wire without switch Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet complete as per specifications and directions of Engineer in charge Short point upto 3m.								
		Point	1	28.00			**28.00**		
						Total Executed Quantity	28.00	**200.00**	**5600.00**
						Tender Qunatity	**28.00**		
75	Point wiring using copper wire without switch Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet complete as per specifications and directions of Engineer in charge Short point upto 3m-6m								
		Point	1	8.00			**8.00**		
						Total Executed Quantity	8.00	**270.00**	**2160.00**
						Tender Qunatity	**8.00**		

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	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Concealed Conduit System - Supplying heavy gauge PVC conduit pipe ……mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of unction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary complete as per specifications and directions of Engineer in charge **19/20mm dia, 2mm thick.**								
		Rm	1	113.94			113.94		
						Total Executed Quantity	113.94	**40.00**	**4557.52**
						Tender Qunatity	**113.94**		
77	Concealed Conduit System - Supplying heavy gauge PVC conduit pipe ……mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of unction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary complete as per specifications and directions of Engineer in charge **25mm dia, 2mm thick .**								
		Rm	1	42.00			42.00		
						Total Executed Quantity	42.00	**50.00**	**2100.00**
						Tender Qunatity	**42.00**		
78	Concealed Conduit System - Supplying heavy gauge PVC conduit pipe ……mm dia .....mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of unction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary complete as per specifications and directions of Engineer in charge **32mm dia, 2mm thick.**								
		Rm	1	40.00			40.00		
						Total Executed Quantity	40.00	**80.00**	**3200.00**
						Tender Qunatity	**40.00**		
79	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary complete as per specifications and directions of Engineer in charge **19/20mm dia, 2mm thick .**								
		Rm	1	78.43			78.43		
						Total Executed Quantity	78.43	**50.00**	**3921.50**
						Tender Qunatity	**78.43**		
80	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary complete as per specifications and directions of Engineer in charge **25mm dia, 2mm thick .**								
		Rm	1	50.00			50.00		
						Total Executed Quantity	50.00	**50.00**	**2500.00**
						Tender Qunatity	**50.00**		
81	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary complete as per specifications and directions of Engineer in charge **32mm dia, 2mm thick .**								
		Rm	1	50.00			50.00		
						Total Executed Quantity	50.00	**50.00**	**2500.00**
						Tender Qunatity	**50.00**		
82	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall complete as per specifications and directions of Engineer in charge **1 - 3 Way .**								
		Each	15				15.00		
						Total Executed Quantity	15.00	**95.00**	**1425.00**
						Tender Qunatity	**15.00**		
83	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall complete as per specifications and directions of Engineer in charge **4 - 5 Way .**								
		Each	10				10.00		
						Total Executed Quantity	10.00	**100.00**	**1000.00**
						Tender Qunatity	**10.00**		

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Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
84	Supplying 6A flush type socket and 6 amp flush type SP switch either surface/flush mountinh in existing gang box or in 4mm thik plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wire as required as per IS 1293 and IS 3654 complete as per specifications and directions of Engineer in charge **6AMP 3/5 and Switch**.								
		No	8				8.00		
						Total Executed Quantity	8.00	**130.00**	**1040.00**
						Tender Qunatity	**8.00**		
85	Supplying and mounting 2 Nos, of 2 Way 6amps flush type switches either surface/flush mounted on existing gang box or in 4mm thick plastic sheet and mounted on a flusg mounted wooden box and wiring as per IS 1293 complete as per specifications and directions of Engineer in charge.								
		Each	8				8.00		
						Total Executed Quantity	8.00	**150.00**	**1200.00**
						Tender Qunatity	**8.00**		
86	Supply and fixing of bakelite D.P /socket/switch with/ without neon indicator over existing wood board or flush mounting in plastic plates/nitches as per IS 1293 and IS 3854 complete as per specifications and directions of Engineer in charge **16Amps Combined switch and socket with indication**.								
		No	10				10.00		
						Total Executed Quantity	10.00	**200.00**	**2000.00**
						Tender Qunatity	**10.00**		
87	Supply and fixing of bakelite D.P /socket/switch with/ without neon indicator over existing wood board or flush mounting in plastic plates/nitches as per IS 1293 and IS 3854 complete as per specifications and directions of Engineer in charge **Electronic stepped regulator**.								
		No	8				8.00		
						Total Executed Quantity	8.00	**150.00**	**1200.00**
						Tender Qunatity	**8.00**		
88	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments complete as per specifications and directions of Engineer in charge **1.5sqmm** .								
		Rm	1	100.00			100.00		
						Total Executed Quantity	100.00	**20.00**	**2000.00**
						Tender Qunatity	**100.00**		
89	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments complete as per specifications and directions of Engineer in charge **2.5sqmm** .								
		Rm	1	100.00			100.00		
						Total Executed Quantity	100.00	**32.00**	**3200.00**
						Tender Qunatity	**100.00**		
90	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments complete as per specifications and directions of Engineer in charge **4sqmm** .								
		Rm	1	300.00			300.00		
						Total Executed Quantity	300.00	**40.00**	**12000.00**
						Tender Qunatity	**300.00**		
91	Supplying and fixing Metal Fan Box with Round Hook complete as per specifications and directions of Engineer in charge.								
		Each	15				15.00		
						Total Executed Quantity	15.00	**80.00**	**1200.00**
						Tender Qunatity	**15.00**		
92	Suppiying and fixing of slim box Fitting ,made out of CRCA sheet metal body with locking type holder completely wired Excluding Ballast &Flouresent Tube. 1X4' Tube light Fitting complete as per specifications and directions of Engineer in charge.								
		Nos	14				14.00		
						Total Executed Quantity	14.00	**300.00**	**4200.00**
						Tender Qunatity	**14.00**		

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S No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
93	Supplying capacitor type ceiling fan complete with down rod blades shackle, canopies etc, for operation on 230 volts, 50 cycles. single phase AC supply conforming to ISS-374-1979 and with double ball bearing system complete as per specifications and directions of Engineer in charge **48" sweep (1200mm).**								
		Each	16				16.00		
						Total Executed Quantity	16.00	**2090.00**	**33440.00**
						Tender Qunatity	**16.00**		
E1	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregtes @ 0.46cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6, Pg No. 14, Item No. 4.11								
	Footings								
	C1	Cum	3	3.80	3.20	0.65	23.71		
	C2	Cum	5	3.00	3.00	0.55	24.75		
	C2'	Cum	1	3.90	1.70	0.50	3.32		
	C2"	Cum	1	2.70	2.70	0.50	3.65		
	C3	Cum	2	2.90	1.70	0.40	3.94		
	CF1								
	Combined Footing	Cum	1	3.70	2.90	0.30	3.22		
	Strap Beam	Cum	1	3.70	0.60	0.30	0.67		
	CF2								
	Combined Footing	Cum	1	3.90	2.40	0.30	2.81		
	Strap Beam	Cum	1	3.90	0.60	0.30	0.70		
	CF3								
	Combined Footing	Cum	1	4.90	2.30	0.30	3.38		
	Strap Beam	Cum	1	4.90	0.60	0.30	0.88		
	Plinth Beam						0.00		
	Longer	Cum	1	20.20	0.20	0.45	1.82		
		Cum	1	13.50	0.20	0.45	1.22		
	Shorter								
		Cum	4	7.70	0.20	0.45	2.77		
		Cum	1	7.70	0.20	0.60	0.92		
		Cum	1	9.10	0.20	0.45	0.82		
		Cum	1	6.50	0.20	0.45	0.59		
		Cum	2	4.15	0.20	0.45	0.75		
		Cum	1	2.65	0.20	0.45	0.24		
	Column Upto Plinth Beam								
	C1	Cum	3	0.30	0.45	1.50	0.61		
	C2	Cum	5	0.30	0.45	1.60	1.08		
	C2'	Cum	1	0.30	0.45	1.65	0.22		
	C2"	Cum	1	0.30	0.45	1.65	0.22		
	C3	Cum	2	0.30	0.45	1.75	0.47		
	CF1	Cum	2	0.30	0.45	1.55	0.42		
	CF2	Cum	2	0.30	0.45	1.55	0.42		
	CF3	Cum	2	0.30	0.45	1.55	0.42		
						Total Executed Quantity	84.00	**7169.17**	**602235.22**

Asst. Executive Engineer

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Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
E2	KSRB 5.4 : Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at 2m. apart in each course including cost of materials, labour, scaffolding, curing complete as per specifications. KBS 5.1.13 KSRB 5.4-4 : - do - with cement mortar 1:4 Pg No. 25, Item No. 5.12								
	Above Ground Level								
	SSM Footing								
	Longer	Cum	2	20.20	1.10	1.00	44.44		
		Cum	1	13.50	0.60	0.90	7.29		
	Shorter	Cum	4	7.70	0.60	0.90	16.63		
		Cum	1	7.70	0.60	0.90	4.16		
		Cum	2	8.30	1.10	1.00	18.26		
		Cum	1	6.50	0.60	0.90	3.51		
		Cum	1	4.15	0.60	0.90	2.24		
		Cum	1	2.65	0.60	0.90	1.43		
	Deduction								
	Column								
		cum	-12	0.75	0.60	0.90	-4.86		
		cum	-6	0.75	0.60	0.90	-2.43		
						Total Executed Quantity	90.67	6809.02	617387.59
								Total Amount	8715441.89
								GST Charges (12% of estimated cost)	1045853.0
								Grand Total	9761294.91

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

Technical Sanction
Accorded For Rs 9761294.91
Head of A/C P.3589.....
CER NO :.16..... Dt:14.06.2022

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